

**A CATALYST FOR THE OXIDATION OF
HYDROCARBONS TO EPOXIDES**

ABSTRACT OF THE DISCLOSURE

The present invention relates to a catalyst containing gold in elemental or bound form and molybdenum in oxidation state +VI, and to a process for the oxidation of a hydrocarbon containing at least one double bond to an epoxide, which process involves reacting the hydrocarbon with oxygen in the presence of hydrogen and in the presence of the catalyst according to the invention.